

US-PAT-NO: 5906734

DOCUMENT-IDENTIFIER: US 5906734 A

TITLE: Passivated porous polymer supports and methods for  
the preparation and  
use of same

DATE-ISSUED: May 25, 1999

US-CL-CURRENT: 210/198.2; 210/502.1 ; 210/635 ; 210/656 ;  
502/402

APPL-NO: 08/ 858924

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PARENT-CASE:

This application is a continuation-in-part of application  
Ser. No. 08/394,014  
filed on Feb. 22, 1995, now abandoned, which is a  
continuation-in-part of  
application Ser. No. 08/254,625, filed Jun. 6, 1994, now  
U.S. Pat. No.  
5,445,732, which is a continuation of application Ser. No.  
07/955,935, filed  
Oct. 5, 1992, now abandoned, which is a  
continuation-in-part of application  
Ser. No. 07/901,326, filed Jun. 19, 1992, now abandoned.

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Detailed Description Text - DETX:

In another embodiment, the polymerization step can take  
place in the presence  
of a pore inducer. The pore inducers of the present  
invention allow  
polymerization to take place without substantially reducing  
the porosity of the  
solid support. Suitable pore inducers, also referred to as  
porogens, used in  
the present invention include but are not limited to

polyethylene glycols,  
polyoxyethylenes, polysaccharides such as dextran, and  
polar solvents. Polar  
solvents include those commonly used in chemical synthesis  
or polymer chemistry  
and known to those skilled in the art. Suitable polar  
solvents include  
alcohols, ketones, tetrahydrofuran, dimethylformamide, and  
dimethylsulfoxide.  
Preferred polar solvents are ethanol, methanol, dioxane,  
and dimethylsulfoxide.